

Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office						Atty. Docket No. P19926		Serial No. 09/849,398			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(Use several sheets if necessary)</small> <i>O I P E J C N T AUG 09 2001 PATENT & TRADEMARK OFFICE</i>								Applicant K. YASUNAGA et al.					
								Filing Date May 7, 2001		Group 2645			
U.S. PATENT DOCUMENTS													
EXAMINER INITIAL	DOCUMENT NUMBER						DATE	NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<i>M</i>	4	7	9	7	9	2	5	01/10/89	DANIEL				
	5	4	2	8	5	6	1	06/27/95	BRYANT et al.				
	6	1	1	5	6	8	7	09/05/00	TANAKA et al.				
	5	3	9	6	5	7	6	03/07/95	MIKI et al.				
	5	3	7	1	8	5	3	12/06/94	KAO et al.				
	5	0	6	0	2	6	9	10/22/91	ZINSER				
<i>M</i>	5	2	9	3	4	4	9	03/08/94	TZENG				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)													
<i>M</i>	1	An article by Laflamme et al. Entitled "On Reducing Computational Complexity of Codebook Search in CELP Codes Through the Use of Algebraic Codes," IEEE ICASSP-90.											
	2	M.R. SCHROEDER et al., "Code-Excited Linear Prediction (CELP): High-Quality Speech at Very Low Bit Rates", Proc. ICASSP, pp. 937-940 (1985).											
	3	R. SALAMI et al., "8 KBIT/S ACELP Coding of Speech With 10 MS Speech-Frame: A Candidate for CCITT Standardization", ICASSP, pp. II-97 to II-100 (1994).											
	4	LINDE et al., "An Algorithm For Vector Quantizer Design", IEEE Transactions On Communications, Vol. Com-28, No. 1, pp. 84-95 (1980).											
	5	MIKI et al., "A PITCH SYNCHRONOUS INNOVATION CELP (PSI-CELP) CODER FOR 2-4 KBIT/S", 1994 IEEE, pp. II-13 to II-116 (1994).											
	6	International Telecommunication Union, "Series G: Transmission Systems and Media, Digital systems and Networks -Coding of speech at 8kbit/s using Conjugate Structure Algebraic Code Excited Linear-Prediction (CS-ACELP); Annex D: 64 kbit/s S-ACELP speech coding algorithm, published September 1998.											
	7	SALAMI et al., "Real-Time Implementation of a 9.6 Kbit/s ACELP Wideband Speech Coder." Proceedings of the Global Telecommunications Conference, U.S., New York, IEEE, vol -, 1992, pages 447-451.											
	8	KIM et al., "A Complexity Reduction Method for VSELP Coding Using Overlapped Sparse Basis Vectors." Proceedings of the International Conference on Signal Processing Application and Technology, October 18, 1994.											
EXAMINER	<i>M. M. M. M. M. M.</i>						DATE CONSIDERED		<i>9/25/03</i>				
<small>*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>													

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EXAMINER INITIALS	DOCUMENT NUMBER			DATE	NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
FOREIGN PATENT DOCUMENTS										
	DOCUMENT NUMBER				DATE	COUNTRY		CLASS	SUBCLASS	TRANSLATION YES NO
<i>MP</i>	7	2	9	5	5 9 8	11/10/95	JAPAN			
	6	2	0	2	6 9 7	07/22/94	JAPAN			
	2	-	1	2	3 0 0	01/17/90	JAPAN			
	8	0	4	4	4 0 0	02/16/96	JAPAN			
	8	0	1	6	1 9 6	01/19/96	JAPAN			
	6	1	7	5	6 9 5	06/24/94	JAPAN			
	8	0	0	6	6 0 0	01/12/96	JAPAN			
	8	2	7	9	7 5 7	10/22/96	JAPAN			
		9	-	6	3 9 6	01/10/97	JAPAN			
	1	0	-	6	3 0 0	03/06/98	JAPAN			X
	9	9	/	1	2 1 5 6	03/11/99	WIPO			
	0	6	8	0	0 3 2	11/02/95	EPO			
<i>MP</i>	5	2	8	1	9 9 9	10/29/93	JAPAN			
<i>MP</i>	0	4	8	8	7 5 1	06/03/92	EPO			
OTHER DOCUMENTS (JAPAN Including Author, Title, Date, Pertinent Pages, Etc.)										
<i>MP</i>	9	An English Language abstract of JP 7-295598.								
	1	0	An English Language abstract of JP 6-202697.							
	1	1	An English Language abstract of JP 2-12300.							
	1	2	An English Language abstract of JP 8-044400.							
	1	3	An English Language abstract of JP 8-016196.							
	1	4	An English Language abstract of JP 6-175695.							
	1	5	An English Language abstract of JP 8-006600.							
<i>MP</i>	1	6	An English Language abstract of JP 8-279757.							
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